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Deep Learning Technologies for Mobile Networks: A Themed Issue in Honor of Prof. Han-Chieh Chao

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Deadline for manuscript submissions:

closed (31 December 2022)

Message from the Guest Editors

We honor Prof. Chao on this occasion, for his immense contributions in the areas of cross-layer design, cloud computing, IoT, and mobile networks. His excellent research results are an inspiration to all, and we are pleased to invite you to submit an article to this Special Issue of the journal *Symmetry*.

Symmetry is an extraordinary characteristic which has widely been deployed in different research fields of computer engineering, such as symmetric architecture for telecommunications, symmetric network structures, and symmetric algorithms. This special issue welcomes studies involving the concept of Symmetry, potential research domains include but not limited to:

- 5G/B5G/6G
- Deep learning
- Mobile networks
- Cross-layer design
- Wireless sensor networks
- Cloud computing
- Edge computing
- Internet of Things
- Software-defined networks Security and privacy



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Special Issue



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Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

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